UniFi6 In-Wall

UniFi6

Mechanical

Dimensions	139.66 x 96 x 31.19 mm (5.5 x 3.78 x 1.28")
Weight	460 g (1.01 lb)
Enclosure materials	Plastic, aluminum
Mount material	Aluminum

Hardware

Management interfaces	Ethernet Bluetooth	
Networking interfaces	(1) Data-in: 1GbE RJ45 port (4) Data-out: 1GbE RJ45 ports	
PoE interfaces	(1) PoE in (PoE output not used) (1) PoE out (requires a PoE+ switch)	
Button	Factory reset	
LED	White/blue	
Power method	PoE	
Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (optional)	
Max. power consumption	Excluding PoE output: 13.5W	
Max PoE wattage per port by PSE	15.4W* *Requires a PoE+ switch	
Voltage range PoE mode	44 to 57VDC	
Max. TX power	2.4 GHz	22 dBm
	5 GHz	26 dBm
MIMO	2.4 GHz	2 x 2 (UL MU-MIMO)
	5 GHz	4 x 4 (DL/UL MU-MIMO)
Throughput rate	2.4 GHz	573.5 Mbps
	5 GHz	4.8 Gbps
Antenna gain	2.4 GHz	5 dBi
	5 GHz	5.9 dBi
Operating temperature	-30 to 60° C (-22 to 140° F)	
Operating humidity	5 - 95% noncondensing	
Certifications	CE, FCC, IC	

Software

WiFi standards	802.11a/b/g WiFi 4/WiFi 5/WiFi 6
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
BSSID	8 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting

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Guest traffic isolation	Supported
Concurrent clients	300+
Zero-wait DFS	Yes

Supported Data Rates

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n (WiFi 4)	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax (WiFi 6)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)